CODE SHEET NO. 4B BRIDGE NO. 7803 2S006

PILE BENT PIER NO . 62

5H **Over - All** ____ Concrete Trestle Pile

5F **Foundation (Piles)** ____ Steel Shell Bearing Pile

Concrete - Vertical Cracks	
Concrete - Map Cracks	
Concrete - Other Cracks	
Concrete - Spalling/Scaling/Hollow	
Steel - Rust	General severe rust on encasements
Wood - Splits/Checks	N/A
Wood - Rotten or Hollow Areas	N/A

7D **Face (Include Cap Area)** ____ Concrete

Concrete - Vertical Cracks	Many hairline
Concrete - Map Cracks	
Concrete - Other Cracks	a few hairline longitudinal
Concrete - Spalling/Scaling/Hollow	
Steel - Rust	N/A
Wood - Splits/Checks	N/A
Wood - Rotten or Hollow Areas	N/A

NB **Web / Struts** ____ None

X-Bracing

NB **Bridge Seat** ____ None

Spalls/Scaling/Hollow Areas

Dirt and Debris

Loss Of Bearing

NB **Bearing Devices** ____ None

Rust

Setting

COMMENTS

Widened on the right side in1996

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 4B BRIDGE NO. 7803 2S006

PILE BENT PIER NO . 63

5H **Over - All** ____ Concrete Trestle Pile

5f **Foundation (Piles)** ____

Concrete - Vertical Cracks	
Concrete - Map Cracks	
Concrete - Other Cracks	
Concrete - Spalling/Scaling/Hollow	
Steel - Rust	General severe rust on encasements
Wood - Splits/Checks	N/A
Wood - Rotten or Hollow Areas	N/A

6D **Face (Include Cap Area)** ____ Concrete

Concrete - Vertical Cracks	a few hairline
Concrete - Map Cracks	
Concrete - Other Cracks	a few hairline longitudinal
Concrete - Spalling/Scaling/Hollow	previously reported spall and minor loss of bearing area above Rt pilaster
Steel - Rust	N/A
Wood - Splits/Checks	N/A
Wood - Rotten or Hollow Areas	N/A

NB **Web / Struts** ____ None

X-Bracing

NB **Bridge Seat** ____ None

Spalls/Scaling/Hollow Areas

Dirt and Debris

Loss Of Bearing

NB **Bearing Devices** ____ None

Rust

Setting

COMMENTS

Widened on the right side in1996

CODE SHEET NO. 4B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 21

7J **Over - All** ____ Multi-Beam Deck Girder

7F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss — Previously reported unmeasured loss at pier 20 - No new loss 2006

Collision Damage

Cracks/Plug Welded Holes

7F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss — Previously reported unmeasured on all at pier 20 - No new loss 2006

Collision Damage

Cracks/Plug Welded Holes

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

8D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets

6E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss — The Rt light pole support at pier 21 has a hole rusted through the web of its base - No new loss 2006.

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition — This note applies to the paint condition in all of the steel beam spans 21 to 39: The last complete painting was in 1977. In 1986 the end 10' of all beams at piers 20,23,27,31, & 35 were painted again. In 1992 a painting contract was let but not completed. In spans 37,38 & 39 portions of some beams have primer but no topcoat. The superstructure has areas of severe rust scale below the expansion joints There are several scattered areas of peeling topcoat on the superstructure. Beam 1 has moderate to severe rust on the lower flange in most spans. The interior beams have large areas of moderate to severe rust on the lower flange in most spans Beam 8 has extensive moderate to severe rust on its exterior face in all spans. There is light rust on most diaphragms and some severe rust below the expansion joints and at pier 4.

There is pack rust between the top flange of the curb channels and the curb. This has resulted in some section loss on the top flange of the channels and their webs There is general light to moderate rust on the exterior face of the curb channels The left deck channel has some severe rust at the handrail brackets. The right deck channel have large areas of light rust and some severe rust at the joints and the stairway platform in span 32.

COMMENTS

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 5B BRIDGE NO. 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 22

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 - No new loss 2006
Collision Damage	Previously reported impact damage to beam 8 at diaphragms 2 and 3 - No change 2006
Cracks/Plug Welded Holes	Previously reported damage at diaphragm 3 on beam 8 the exterior web stiffener weld was torn by impact -- No change in 2006

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	paint scrapes on beam 7
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

6D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets	beam 4, far splice, 2 loose bolts in bottom flange - tack welded splice fill plates in near splice on beams 4,5, and 6

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P. Gettler

CODE SHEET NO. 5B BRIDGE NO. 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 23

5J **Over - All** ____ Multi-Beam Deck Girder

5F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 and unmeasured loss on all beams at pier 23 -No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

6F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured loss on all beams at pier 23 - No new loss in 2006.
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

8D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets

6E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	The left light pole support at pier 23 has a severe section loss on the lower web

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

The lower flange field splice fill plate on beam 3 is tack welded to the lower flange of the beam.

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 24

5J **Over - All** ____ Multi-Beam Deck Girder

5F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 and unmeasured loss on all beams at pier 23. no new loss in 2006.
Collision Damage	none
Cracks/Plug Welded Holes	none

5F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured loss on all beams at pier 23 - no new loss in 2006.
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

NB **Splices** ____ None

Loose or Missing Bolts/Rivets N/A

7E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition See paint condition in Span 1

COMMENTS

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 25

8J **Over - All** ____ Multi-Beam Deck Girder

8F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets none

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition See paint condition in Span 1

COMMENTS

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 26

6F **Over - All** ____ Three Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 - No new loss 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☑ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition See paint condition in Span 1

COMMENTS

Completed On 6/28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 27

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets	none

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

Completed On 6/28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 28

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets	none

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

A 1 1/16" Dia Hole has rusted through the right curb channel - Photo 212

Completed On 6 /28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 29

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets	none

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 30

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets	none

8E ☐ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

8E ☐ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

Completed On 6/28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 31

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	previously reported measured loss on beam 8 and unmeasured on all beams at pier 31 - No change in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

7E **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled I Beam

Section Loss	Previously reported unmeasured on all beams at pier 31. Hole rusted through Lt stiffener on beam 7about 1' from centerline of bearing at pier 31 -- No change in 2006.
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets none

7E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

6E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss Hole rusted through Lt connection plate on beam 7about 1' from centerline of bearing at pier 11 - Hole larger in 2004 - No change in 2006.

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition See paint condition in Span 1

COMMENTS

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 5B BRIDGE NO. 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 32

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured on both at pier 31 - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

6F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured on all at pier 31 - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

8E ☑ **Cover** ☐ **Blast Plates** ____ Welded

8D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets none

6E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss Sidewalk bracket at pier 31 has a hole rusted through its web - photo 214

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition See paint condition in Span 1

COMMENTS

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 5B BRIDGE NO. 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 33

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported measured on beam 8 - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

6E ☑ **Cover** ☑ **Blast Plates** ____ Welded

8D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets	none

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

There is a cracked weld at the third blast plate from pier 32 on beam 4. This weld connects the far end of the blast plate to a cover plate. The weld was checked with the UT tester in 1987 and no crack was found in the beam flange. On beam 8 the first blast plate from pier 32 has a crack in the far end on the Rt side. This area was checked with the UT tester in 1996 and no crack was found in the flange of beam 8. No cracks noted in beams in 2006

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 5B BRIDGE NO. 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 34

7J **Over - All** ____ Multi-Beam Deck Girder

7F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none - Crack in near end of Rt weld on far blast plate on beam 8 was ground out and checked with the UT and dye penetrant tests in 1989. No crack was noted in the beam flange. Area was ground again in 2004 and no crack was found in the beam. - No change in 2006.

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

7E ☑ **Cover** ☑ **Blast Plates** ____ Welded

8D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets none

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss none

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition See paint condition in Span 1

COMMENTS

The field splice fill plates at the far splice in beams 6 and 7 are tack welded to the lower flange of the beam

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P. Gettler

CODE SHEET NO. 5B BRIDGE NO. 7803 2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 35

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured loss on both at pier 35 - New unmeasured was found on beam 8 in 2004. - No change in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

6F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured on all at pier 35. - New loss was found on beam 7 in 2004. No change in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

8D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets none

7E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss none

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition See paint condition in Span 1

COMMENTS

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P Gettler

CODE SHEET NO. 5B BRIDGE NO. 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 36

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured on all at pier 35. New unmeasured loss was found on beam 8 in 2004. - No change in 2006.
Collision Damage	none
Cracks/Plug Welded Holes	none

6F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured on all at pier 35. New unmeasured loss was found on beams 3,4,5,6,&7 in 2004 - No change in 2006.
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets

5E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	10" long hole rusted through the web of the sidewalk bracket at pier 35 in 2004 - No change in 2006

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6 /28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 37

8J **Over - All** ____ Multi-Beam Deck Girder

8F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	There are two open 5/8" Dia holes drilled in the lower flange of beam 5 close to the near end of the far field splice.
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets none

8E ☐ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss none

8E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition See paint condition in Span 1

COMMENTS

The top flange field splice fill plate at the far field splice in beam 1 is tack welded to the top beam flange

Completed On 6 /28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 38

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported measured loss on beam 8 - No new loss in 2006.
Collision Damage	none
Cracks/Plug Welded Holes	none

8F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	none
Collision Damage	none
Cracks/Plug Welded Holes	none

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

8D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets	none

8E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss	none

8D ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Concrete

Section Loss	none

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

The lower flange field splice fill plate at the near splice in beam 4 is tack welded to the lower flange of beam 4. The top flange field splice fill plates at the far splice in beams 1 through 7 are tack welded to the top flange of the beams

Completed On 6 /28/2006 **By** P. Gettler

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

STEEL BEAM SUPERSTRUCTURE IN SPAN NO . 39

6J **Over - All** ____ Multi-Beam Deck Girder

6F **Exterior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured loss on the beams at pier 39. - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none - The lighting conduit brackets on beam 8 are welded to the lower flange of the beam. In 1994 one of these welds was reported to be cracked. In 1995 it was checked with the UT tester and no crack was found in the beam flange. No crack found visually in 2006.

6F **Interior** ☑ **Beams** ☐ **Girders** ____ Rolled Wide Flange

Section Loss	Previously reported unmeasured loss on the beams at pier 39 - No new loss in 2006
Collision Damage	none
Cracks/Plug Welded Holes	none - The lighting conduit brackets are welded to the lower flange of beams 4 through 7

9E ☑ **Cover** ☐ **Blast Plates** ____ Welded

9D **Splices** ____ Bolted Or Riveted

Loose or Missing Bolts/Rivets

7E ☑ **End Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

7E ☑ **Intermediate Diaphragms** ☐ **Floor Beams** ____ Rolled Steel Section

Section Loss

NB ☐ **Stiffeners** ☐ **Knee Braces** ____ None

Collision Damage

5F **Paint** ____ Zinc Silicate W/Vinyl Topcoat

Paint Condition	See paint condition in Span 1

COMMENTS

The field splice fill plates at the splices in beams 4 and 5 are tack welded to the top of the bottom flange.

CODE SHEET NO. 5B **BRIDGE NO.** 7803.2S006

Completed On 6/28/2006 **By** P. Gettler

CODE SHEET NO. 6 **BRIDGE NO.** 7803.2S006

CONCRETE DECK IN SPAN NO. 1

Deck Wearing Surface And Protective System PCC OVERLAY 1972

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

UD **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	
Map Cracks	
Other Cracks	
Leaching/Stalactite	
Spalling or Scaling	
Hollow Areas	____

NB **Intermediate Deck Joints** None

Condition

6E **Deck Drains** ____ Empty Into Pipes

Condition Near half of cover on right intake is broken and the box below it is close to full with debris

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

This note applies to the cracking, spalling and delaminations in the overlay of span 1 thru 20 : The overlay was grooved in 1990. In about 1996 unsound areas in the deck were epoxy injected by the District 4 Bridge Crew. In 2000 the deck was throughly sounded with a hammer drag and about 5% of the overlay in spans 1 thru 20 had delaminated. In the summer of 2004 the District 4 Bridge Crew epoxy injected the delaminated areas and patched several spalls in spans 1 thru 20. There are several small spalls and some AC patching at the deck joints. There are several new delaminated areas in these spans and a few previously reported areas. A few of the delaminated areas are boken or spalling & partially filled with AC in 2006. There are a few hairline transverse cracks in most spans, several hairline random cracks and several hairline to wide longitudinal cracks in the overlay.
Spans 1 thru 20 curb and sidewalk:Sidewalk on Lt side only, Rt curb = 5E The sidewalk is spalled or unsound at most of the steel curb barrier posts and rebars with severe section loss are exposed in

several of these spalls, there are several new spalled areas with exposed rebars in 2006. There are several transverse cracks in the sidewalk and most of these have efflorescence. The right curb has several hairline to 3/16" wide random cracks in the top between the handrail posts and a few large spalls with exposed rebars in the fascia and the top adjacent to it. The largest area is between piers 12 and 14. The median curbs are spalled at piers 6,14 &16

Spans 1 thru 20 handrails and curb barrier rail : Paint condition - General surface rust with severe rust at the rail to post connections. There is severe rust on the curb barrier rail posts. There is section loss on some of the steel curb barrier posts and in some barrier rail channel sections One post at pier 2 has split at the welded splice in the post. There are some bent/damaged handrail sections on the right side at the near end and at

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 **BRIDGE NO.** 7803.2S006

CONCRETE DECK IN SPAN NO. 2

Deck Wearing Surface And Protective System PCC OVERLAY 1972

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks See comments in span 1

Map Cracks

Other Cracks See comments in span 1

Hollow Areas See comments in span 1

Spalling or Scaling See comments in span 1

Debris

NB **Protective System** ____ None

UD **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks

Map Cracks

Other Cracks

Leaching/Stalactite

Spalling or Scaling

Hollow Areas ____

5E **Intermediate Deck Joints** Misc.Filler

Condition joint leaks

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Bottom of deck in span 2 was inaccessable and not inspected in 2006

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 3

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks See comments in span 1

Map Cracks

Other Cracks See comments in span 1

Hollow Areas See comments in span 1

Spalling or Scaling See comments in span 1

Debris

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks

Map Cracks

Other Cracks large areas of hairline random cracks and a few hairline longitudinal

Leaching/Stalactite

Spalling or Scaling

Hollow Areas ____

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1, section loss on steel curb post at pier 2

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 4

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	
Map Cracks	
Other Cracks	Several hairline longitudinal and a few hairline random
Leaching/Stalactite	at pier 4
Spalling or Scaling	
Hollow Areas	____

5E **Intermediate Deck Joints** Misc. Filler

Condition joint leaks

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 5

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	
Map Cracks	
Other Cracks	several hairline longitudinal and random
Leaching/Stalactite	efflorescence at a few longitudinal cracks
Spalling or Scaling	
Hollow Areas	____

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CODE SHEET NO. 6 **BRIDGE NO.** 7803.2S006

CONCRETE DECK IN SPAN NO. 6

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

5D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	
Map Cracks	
Other Cracks	several longitudinal hairline and a few random hairline
Leaching/Stalactite	at pier 6
Spalling or Scaling	a few areas with exposed longitudinal rebars
Hollow Areas	unsound areas along most longitudinal cracks

5E **Intermediate Deck Joints** Misc.Filler

Condition	joint leaks

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1 - There are broken anchor bolts at 2 posts on right side, one new broken anchor bolt at each post in 2006.

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CODE SHEET NO. 6 **BRIDGE NO.** 7803 2S006

CONCRETE DECK IN SPAN NO. 7

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several longitudinal hairline
Leaching/Stalactite	efflorescence at transverse cracks
Spalling or Scaling	
Hollow Areas	

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

4E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1, 3/4" diameter hole rusted thru the top of the steel curb rail at pier 6. When the a lightpole was installed on the right curb at pier 6 the handrail was modified and one smaller post was added but not anchored to the curb. The original handrail post adjacent to the lightpole has1 broken anchor bolt. No change in 2006.

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CODE SHEET NO. 6 **BRIDGE NO.** 7803.2S006

CONCRETE DECK IN SPAN NO. 8

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

5D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	
Map Cracks	
Other Cracks	many hairline longitudinal
Leaching/Stalactite	at most cracks
Spalling or Scaling	several longitudinal rebars exposed
Hollow Areas	unsound areas along most longitudinal cracks, some new this inspction.

5E **Intermediate Deck Joints** Misc.Filler

Condition	joint leaks

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 9

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several longitudinal and a few random hairline
Leaching/Stalactite	
Spalling or Scaling	
Hollow Areas	____

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Completed On 7 /5 /2006 **By** P Gettler

CODE SHEET NO. 6 **BRIDGE NO.** 7803.2S006

CONCRETE DECK IN SPAN NO. 10

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

5D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several hairline longitudinal and large areas of random cracks
Leaching/Stalactite	at pier 10
Spalling or Scaling	small areas along pier 10 - a few rebars exposed
Hollow Areas	a few areas along longitudinal cracks, some new this inspection.

5E **Intermediate Deck Joints** Misc. Filler

Condition

NB **Deck Drains** ____ None

Condition

4D **Curbs and Sidewalk** ____ Brush Curb < 9"

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1,

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CODE SHEET NO. 6 **BRIDGE NO.** 7803.2S006

CONCRETE DECK IN SPAN NO. 11

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several hairline longitudinal and a few hairline random
Leaching/Stalactite	efforescence at a few cracks
Spalling or Scaling	
Hollow Areas	

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

5G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1 - The steel curb barrier rail at pier 10 has a 7/8" hole rusted through the top.

5D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 **BRIDGE NO.** 7803.2S006

CONCRETE DECK IN SPAN NO. 12

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

5D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	many hairline longitudinal and a few hairline random
Leaching/Stalactite	a few areas at pier 12
Spalling or Scaling	a few spalls with exposed longitudinal rebars
Hollow Areas	several unsound areas along transverse cracks, some new this inspection.

5E **Intermediate Deck Joints** Misc.Filler

Condition	joint leaks

NB **Deck Drains** ____ None

Condition

6G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

6D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 13

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several hairline longitudinal and a few hailine random
Leaching/Stalactite	efflorescence at a few cracks
Spalling or Scaling	none
Hollow Areas	none

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 BRIDGE NO. 7803 2S006

CONCRETE DECK IN SPAN NO. 14

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	
Map Cracks	
Other Cracks	several hairline longitudinal and a few hairline random
Leaching/Stalactite	efflorescence at pier 14
Spalling or Scaling	small spalls at pier 14
Hollow Areas	____

5E **Intermediate Deck Joints** Misc.Filler

Condition joint leaks

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 15

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several hairline longitudinal
Leaching/Stalactite	efflorescence at one crack
Spalling or Scaling	
Hollow Areas	

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

5G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

5D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 16

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

5D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several hairline longitudinal
Leaching/Stalactite	at pier 16
Spalling or Scaling	a few spalls with exposed longitudinal rebars,some new this inspection.
Hollow Areas	unsound areas along several longitudinal cracks, some new this inspection.

5E **Intermediate Deck Joints** Misc.Filler

Condition	joint leaks

NB **Deck Drains** ____ None

Condition

5G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

5D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 17

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several hairline longitudinal
Leaching/Stalactite	efflorescence at a few cracks
Spalling or Scaling	none
Hollow Areas	none

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CODE SHEET NO. 6 BRIDGE NO. 7803 2S006

CONCRETE DECK IN SPAN NO. 18

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

5D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	many hairline longitudinal
Leaching/Stalactite	efflorescence at pier 18
Spalling or Scaling	several spalls with exposed longitudinal rebars, some new this inspection.
Hollow Areas	several areas at longitudinal cracks, some new this inspection.

5E **Intermediate Deck Joints** Misc Filler

Condition	joint leaks

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

Completed On 7 /5 /2006 **By** P. Gettler

CODE SHEET NO. 6 **BRIDGE NO.** 7803.2S006

CONCRETE DECK IN SPAN NO. 19

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several hairline longitudinal and large areas of random
Leaching/Stalactite	efflorescence at a few cracksa
Spalling or Scaling	none
Hollow Areas	none

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

5G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

5D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CODE SHEET NO. 6 BRIDGE NO. 7803.2S006

CONCRETE DECK IN SPAN NO. 20

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck Y

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 1
Map Cracks	
Other Cracks	See comments in span 1
Hollow Areas	See comments in span 1
Spalling or Scaling	See comments in span 1
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	several hairline longitudinal and large areas of random cracking
Leaching/Stalactite	a few areas of efflorescence
Spalling or Scaling	
Hollow Areas	two small areas along pier 20

5D **Intermediate Deck Joints** Open - No Filler

Condition	3/16" min. opening @ 65° F. Previously reported there was no room for expansion between the ends of the deck in 2001and 2004 at 78 ° F No change in 2006. - 18 of the joint armour anchors are partially exposed in the bottom of the deck in span 21. About 4 LF the joint armor on the far side of the joint in the EBL has seperated from the deck. The joint armor in span 20 is about 5/8" (deck) to 15/16" (curb) higher than the joint armour in span 21 and there is minor impact damage to the joint armor in the WBL of span 20. There is also one exposed expansion plate anchor on the interior face of the sidewalk.

NB **Deck Drains** ____ None

Condition

5G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 1

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 1

5D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 1

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CONCRETE DECK IN SPAN NO. 21

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck N

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 21
Map Cracks	
Other Cracks	See comments in span 21
Hollow Areas	See comments in span 21
Spalling or Scaling	See comments in span 21
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	a few hairline longitudinal and random
Leaching/Stalactite	
Spalling or Scaling	There are several small spalls with exposed joint armour anchors at pier 20 and a spall with an exposed rebar in bay 4
Hollow Areas	

NB **Intermediate Deck Joints** None

Condition

5E **Deck Drains** ____ Empty Into Pipes

Condition: Both collectors are plugged and the neoprene trough is accumulating debris. A 2" X 3" hole has rusted through the drain chte between beams 7 and 8 On bolt is missing from the neoprene trough.

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 21

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition: See comments in span 21 - The steel barrier rail has a 1 " diameter hole rusted through it at the near end of span 21. The Rt rail is bent out about 2 ' at the 4 th post from pier 20 .

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 21

COMMENTS

This note applies to the overlay in the steel beam spans (2 1 through 39): There are a few hairline transverse, longitudinal and random cracks in the overlay. In 2000 the overlay was thoroughly sounded with a hammer drag and 2035 square feet of delaminated overlay was noted. There are many small shallow spalls along all drainage grates and along the joint armor at piers 20 and 39. Extensive epoxy injection was done in the eastbound lanes by the district bridge crew in about 1996. The deck was overlaid in 1972 and the wearing surface was grooved in 1990. Minor change in 2006 - a few of the delaminated areas are spalled or filled with AC in spans 34,37,38, & 39.

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This note applies the sidewalk and curbs in spans 21 through 39: Sidewalk on Lt side only, Rt curb = 5 - The sidewalk has many spalled and unsound areas in the top and in the gutter face at the barrier rail posts for the steel curb. Most of the spalled areas have exposed rebars with severe section loss - there are a few new areas in 2006. There are also large spalled or unsound areas in the top of the sidewalk at pier 20,span 31,span 32, span 33, and span 34, and there are a few small spalls in the sidewalk at handrail posts. The bottom of the sidewalk has large spalled or unsound areas in spans 28,29,30,31,32,33,34,35,36,37,38, and 39.The areas in spans 33 and 39 are over the UP Railroad and 10th Street respectively but all loose concrete over traffic has been removed. There are a few new hollow areas in spans 29,31,32,& 37 in 2006. The exposed rebars in the sidewalk spalls have loss of cross section.The sidewalk fascia has many spalls along the sidewalk channel. The sidewalk has transverse cracks at each handrail post that extend to the posts for the steel curb rail, most of these cracks have efflorescence on the bottom. There are diagonal or longitudinal cracks in the top that extend from the posts for the steel barrier rail. The right curb has several hairline transverse cracks and several spalls on

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CONCRETE DECK IN SPAN NO. 22

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck N

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 21
Map Cracks	
Other Cracks	See comments in span 21
Hollow Areas	See comments in span 21
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

7D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	one small area in bay 4
Other Cracks	a few hairline longitudinal and random
Leaching/Stalactite	
Spalling or Scaling	one small spall in bay 5
Hollow Areas	____

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 21

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 21 - The curb barrier rail has a 1" hole rusted through it close to the 5th post from pier 21. The 4th handrail post from pier 21on the right side has a hole rusted through it.

4D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 21

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CONCRETE DECK IN SPAN NO. 23

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck N

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 21
Map Cracks	
Other Cracks	See comments in span 21
Hollow Areas	See comments in span 21
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

6D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	One area in bay 4 at pier 23
Other Cracks	a few hairline longitudinal and random
Leaching/Stalactite	
Spalling or Scaling	One area of unconsolidated concrete with an exposed rebar along each exterior beam. Full depth PCC patching along expansion joint at pier 23
Hollow Areas	____

6G **Intermediate Deck Joints** Steel Fingers

Condition	1 3/4" min. opening @ 65 ° F Fingers on far side of joint are 1/2" higher than on the near side. Minor impact damage to fingers in EBL on far side of joint. Joint anchors are exposed in the sidewalk. There is one loose connection bolt on the near side of the joint in bay 7

NB **Deck Drains** ____ None

Condition

4G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 21

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 21 - The curb barrier rail has 3/4" diameter hole rusted through it. The right handrail and one post are bent at two locations and two rail to post connection bolts are broken.

5D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CONCRETE DECK IN SPAN NO. 24

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck N

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 21
Map Cracks	
Other Cracks	See comments in span 21
Hollow Areas	See comments in span 21
Spalling or Scaling	See comments in span 21
Debris	

NB **Protective System** ____ None

7D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	
Other Cracks	a few hairline longitudinal
Leaching/Stalactite	
Spalling or Scaling	Full depth PCC patching along expansion joint at pier 23
Hollow Areas	

NB **Intermediate Deck Joints** None

Condition

6E **Deck Drains** ____ Empty Into Pipes

Condition Both collectors at pier 23 are plugged.

5G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 21

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 21 - Hole rusted through one post at diaphragm 2 on right side See photo 317

5D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 21

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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CONCRETE DECK IN SPAN NO. 25

Deck Wearing Surface And Protective System PCC OVERLAY

Concrete Slab Type Deck N

5H **Over - All** ____ Divided Multi-Lane

5F **Wearing Surface** ____ Dense Concrete

Transverse Cracks	See comments in span 21
Map Cracks	
Other Cracks	See comments in span 21
Hollow Areas	See comments in span 21
Spalling or Scaling	
Debris	

NB **Protective System** ____ None

5D **Bottom Of Deck** ____ Poured Concrete

Transverse Cracks	a few hairline
Map Cracks	large area extending into bays 4,5 and 6 at diaphragm 1
Other Cracks	
Leaching/Stalactite	There is efflorescence and rust stain bleeding from the map cracks
Spalling or Scaling	
Hollow Areas	____

NB **Intermediate Deck Joints** None

Condition

NB **Deck Drains** ____ None

Condition

5G **Curbs and Sidewalk** ____ Sidewalk W/Divider

CracksSpalling/Scaling See comments in span 21

5E **Rails** ____ Steel Channel W/ Rub Rail

Condition See comments in span 21 - Right rail at diaphragm 2 has one broken bolt that connects the post to a curb anchor. 3 sections of right handrail are damaged

5D **Curb Below Rail** ____ Cantilevered Type Curb

Curb Face See comments in span 21

COMMENTS

Sidewalk on Lt side only, Rt curb = 5E

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